

Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
27866/34810Serial No.
09/509,165Applicant
Gray, P.W. *et al.*Filing Date
June 12, 2000Group
1648

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
BQLi	A1	4,965,392	10/23/90	Fritzberg <i>et al.</i>	558	254	
BQC	A2	5,013,739	05/07/91	Bihari <i>et al.</i>	514	282	
Daogul	A3	5,037,630	08/06/91	Fritzberg <i>et al.</i>	424	1.1	
BQLi	A4	5,179,078	01/12/93	Rollins <i>et al.</i>	514	2	
BQLi	A5	5,241,049	08/31/93	Goodman <i>et al.</i>	530	350	
BQLi	A6	5,278,287	01/11/94	Rollins <i>et al.</i>	530	351	
BQLi	A7	5,413,778	05/09/95	Kunkel <i>et al.</i>	424	1.41	
BQLi	A8	5,459,128	10/17/95	Rollins <i>et al.</i>	514	8	
BQLi	A9	5,688,927	11/18/97	Godiska <i>et al.</i>	530	388.23	
BQLi	A10	5,705,360	01/06/98	Rollins <i>et al.</i>	435	69.1	
BQLi	A11	5,932,703	08/03/99	Godiska <i>et al.</i>	530	351	
BQLi	A12	6,245,332	06/12/01	Butcher <i>et al.</i>	424	484.1	
BQLi	A13	2,625,184	07/24/01	Gray <i>et al.</i>	435	69.1	
BQLi	A14	6,268,477	07/31/01	Gray <i>et al.</i>	530	350	
BQLi	A15	6,320,023	11/20/01	Godiska <i>et al.</i>	530	324	

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B&C	B1	0 153 678	09/04/85	EPO	—	—		
B&C	B2	0 310 136 A	04/05/89	EPO	—	—		
B&C	B3	0 317 053	05/24/89	EPO	—	—		
B&C	B4	0 462 960	12/27/91	EPO	—	—		
B&C	B5	0 647 447	04/12/95	EPO	—	—		
B&C	B6	0 666 257	08/09/95	EPO	—	—		
B&C	B7	0 725 059	08/07/96	EPO	—	—		
B&C	B8	0 860 446	08/26/98	EPO	—	—		
B&C	B9	WO 89/01046	02/09/89	PCT	—	—		
B&C	B10	WO 91/09955	07/11/91	PCT	—	—		
B&C	B11	WO 92/20808	11/26/92	PCT	—	—		
B&C	B12	WO 94/12650	06/09/94	PCT	—	—		
B&C	B13	WO 95/13295	05/18/98	PCT	—	—		
B&C	B14	WO 95/17092	06/29/95	PCT	—	—		
B&C	B15	WO 96/23068	08/01/97	PCT	—	—		
B&C	B16	WO 96/39521	12/12/96	PCT	—	—		
B&C	B17	WO 96/40923	12/19/96	PCT	—	—		
B&C	B18	WO 97/11969	04/03/97	PCT	—	—		
B&C	B19	WO 97/29192	08/14/97	PCT	—	—		
B&C	B20	WO 97/44055	11/27/97	PCT	—	—		

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BQ6	B21	WO 97/44462	11/27/97	PCT	—	—	—
me	B22	WO 98/11226	03/19/98	PCT	—	—	—
WU	B23	WO 98/24907	06/11/98	PCT	—	—	—
WU	B24	WO 98/24908	06/11/98	PCT	—	—	—

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BQ6	C1	Aalbers <i>et al.</i> , "Dynamics of Eosinophil Infiltration in the Bronchial Mucosa Before and After the Late Asthmatic Reaction," <i>Eur. Respir. J.</i> , 6:840 (1993).
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	C3	Adema, G.J. <i>et al.</i> , "A Dendritic-cell-derived C-C Chemokine That Preferentially Attracts Naive T Cells," <i>Nature</i> , 387:713-717 (12 June 1997).
BQ6	C4	Adams, D.O., "The Granulomatous Inflammatory Response," <i>Am. J. Pathol.</i> , 84(1):164-191 (July, 1976).
1	C5	Ahuja <i>et al.</i> , "Molecular Evolution of the Human Interleukin-8 Receptor Gene Cluster," <i>Nature Genetics</i> , 2:31-36 (September, 1992).
✓	C6	Amakawa, R. <i>et al.</i> , "Impaired Negative Selection of T cells in Hodgekins Disease Antigen CD30-Deficient Mice," <i>Cell</i> 84: 551-62 (1996).
✓	C7	Aujame, L. <i>et al.</i> , "High Affinity Human Antibodies By Phage Display," <i>Human Antibodies</i> , 8(4):155-168 (1997).
✓	C8	Austrup, F., <i>et al.</i> , "P-and E-selectin Mediate Recruitment of T-helper-1 But Not T-helper-2 Cells Into Inflamed Tissues," <i>Nature</i> 385, 81-83 (1997)
✓	C9	Baba, M. <i>et al.</i> , "Identification of CCR6, the Specific Receptor for a Novel Lymphocyte-directed CC Chemokine LARC," <i>J. Biological Chemistry</i> , 272(23):14893-14898 (6 June 1997).
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✓	C11	Baggiolini <i>et al.</i> , "Interleukin-8 and Related Chemotactic Cytokines-CXC and CC Chemokines," <i>Advances in Immunology</i> , 55:97-179 (1994).
	C12	Baggiolini, M. <i>et al.</i> , "HUMAN CHEMOKINES: An Update," <i>Annu. Rev. Immunol.</i> , 15:675-705 (1997).
BQC	C13	Baggiolini, M., <i>et al.</i> , "Chemokines and Leukocyte Traffic," <i>Nature (London)</i> , 392: 565-68 (1998).
✓	C14	Bai <i>et al.</i> , "IL-10 Suppresses Experimental Autoimmune Neuritis and Down-regulates T _H 1-Type Immune Responses," <i>Clin. Immunol. Immunopathol.</i> , 83(2):117-126. (1997).
✓	C15	Barker <i>et al.</i> , "Effects of T _H 1 and T _H 2 cytokines on CD8 ⁺ cell response against human immunodeficiency virus: Implications for long-term survival," <i>Proc. Natl. Acad. Sci., USA</i> , 92(24):11135-11139 (1995).
	C16	Baumer <i>et al.</i> , "Th1/Th2 Cell Distribution in Pulmonary Sarcoidosis," <i>Am. J. Respir. Cell Mol. Biol.</i> , 16(2):171-177 (1997).
BQC	C17	Beck, L. A., <i>et al.</i> , "Cutaneous Injection of RANTES Causes Eosinophil Recruitment: Comparison of Nonallergic and Allergic Human Subjects," <i>J. Immunol.</i> 159: 2962.
✓	C18	Becker <i>et al.</i> , "Constitutive and Stimulated MCP-1, GRO α , β , and γ Expression in Human Airway Epithelium and Bronchoalveolar Macrophages," <i>Am. J. Physiol.</i> , 266:L278-L288 (1994).
✓	C19	Ben-Baruch, A. <i>et al.</i> , "Monocyte Chemotactic Protein-3 (MCP3) Interacts with Multiple Leukocyte Receptors," <i>J. Biological Chemistry</i> , 270(38):22123-22128 (22 September 1995).
✓	C20	Berger <i>et al.</i> , "Distinct Antigen-induced Cytokine Pattern Upon Stimulation With Antibody-complexed Antigen Consistent With a Th1 \rightarrow Th2-shift," <i>Res. Virol.</i> , 147(2-3):103-108 (1996).
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

✓	C22	Bertoletti <i>et al.</i> , "Different Cytokine Profiles of Intrahepatic T Cells in Chronic Hepatitis B and Hepatitis C Virus Infections," <i>Gastroenterol.</i> , 112(1):193-199 (1997).
✓	C23	Bleul, C.C <i>et al.</i> , "The Lymphocyte Chemoattractant SDF-1 Is a Ligand for LESTR/fusin and Blocks HIV-1 Entry," <i>Nature</i> , 382:829-833 (29 August 1996)
B&C	C24	Bochner, B. S., <i>et al.</i> , "Adhesion of Human Basophils, Eosinophils, and Neutrophils to IT-1-Activated Human Vascular Endothelial Cells: Contributions of Endothelial Cell Adhesion Molecules," <i>J. Exp. Med.</i> 173: 1553 (1991)
B&C	C25	Bombardier <i>et al.</i> , "Derivation of the SLEDAI: a Disease Activity Index for Lupus Patients," <i>Arthritis Rheum</i> , 35:630-40 (1992).
✓	C26	Bonecchi, R. <i>et al.</i> , "Differential Expression of Chemokine Receptors and Chemotactic Responsiveness of Type 1 T Helper Cells (Th1s) and Th2s," <i>J. Exp. Med.</i> , 187(1):129-134 (5 January 1998).
	C27	Bowie <i>et al.</i> , "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <i>Science</i> , 247:1306-1310 (1990).
✓	C28	Brown <i>et al.</i> , "A Family of Small Inducible Proteins Secreted by Leukocytes are Members of a New Superfamily that Includes Leukocyte and Fibroblast-Derived Inflammatory Agents, Growth Factors, and Indicators of Various Activation Processes," <i>J. Immunol.</i> , 142(2):679-687 (January 15, 1989).
✓	C29	Brown, A.F., "Anaphylactic Shock: Mechanisms and Treatment," <i>J. Accid. Emerg. Med.</i> , 12(2):89-100 (1995).
✓	C30	Brüggemann, M. and Neuberger, "Strategies for expressing human antibody repertoires in transgenic mice," <i>Immunol. Today</i> , 17(8):391-397 (1996).
✓	C31	Brüggemann, M. and Taussig, "Production of human antibody repertoires in transgenic mice," <i>Current Opinion Biotechnology</i> , 8:455-458 (1997).
✓	C32	Carballido, J.M. <i>et al.</i> , "The Intensity of T Cell Receptor Engagement Determines the Cytokine Pattern of Human Allergen-specific T Helper Cells," <i>Eur. J. Immunol.</i> , 27(2):515-521 (1997).

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✓	C33	Cenci <i>et al.</i> , "T Helper Cell Type 1 (Th1)-and Th2-like Responses Are Present in Mice with Gastric Candidiasis but Protective Immunity Is Associated with Th1 Development," <i>J. Infect. Dis.</i> , 171(5):1279-1288 (1995).
✓	C34	Chang <i>et al.</i> , "Cloning and expression of a γ -interferon-inducible gene in monocytes: a new member of a cytokine gene family," <i>International Immunology</i> , 1(4):388-397 (1989).
✓	C35	Chang, M-S <i>et al.</i> , "Molecular Cloning and Functional Characterization of a Novel CC Chemokine, Stimulated T Cell Chemotactic Protein (STCP-1) That Specifically Acts on Activated T Lymphocytes," <i>J. Biological Chemistry</i> , 272(40):25229-25237 (1 October 1997).
BOL	C36	Chantry, D., <i>et al.</i> , "Profile of Human Macrophage Transcripts: Insights into Macrophage Biology and Identification of Novel Chemokines," <i>J. Leuk. Biol.</i> , 64(1):49-54 (1998).
BOL	C37	Chantry, D. <i>et al.</i> , "Macrophage-derived Chemokine is Localized to Thymic Medullary Epithelial Cells and is a Chemoattractant for CD3(+), CD4(+), CD8(low) Thymocytes," <i>Blood</i> , 94(6): 1890-98 (1999).
✓	C38	Charo <i>et al.</i> , "Molecular Cloning and Functional Expression of Two Monocyte Chemoattractant Protein 1 Receptors Reveals Alternative Splicing of the Carboxyl-terminal Tails," <i>Proc. Nat'l. Acad. Sci., USA</i> , 91:2752-2756 (March, 1994).
	C39	Chemokines, In R&D Systems 1995 catalog, R&D Systems, Minneapolis, MN, pp. 79-85.
	C40	Cheung <i>et al.</i> , "Modulation of Lymphocyte Motility by Macrophages," <i>Cell. Immunol.</i> , 109(2):295-305 (1987).
✓	C41	Clapham, P.R., "HIV and Chemokines: Ligands Sharing Cell Surface Receptors," <i>Trends in Cell Biol.</i> 7, 264-268 (1997)
✓	C42	Clark-Lewis <i>et al.</i> , "Structure-Activity Relationships of Interleukin-8 Determined Using Chemically Synthesized Analogs," <i>J. Biol. Chem.</i> , 266(34):23128-23134 (December 5, 1991).

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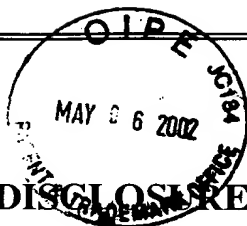
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	C43	Co, M.S. <i>et al.</i> , "Humanized antibodies for therapy," <i>Nature</i> , 351:501-502 (6 June 1991).
✓	C44	Cocchi <i>et al.</i> , "Identification of RANTES, MIP-1 α , and MIP-1 β as the Major HIV-Suppressive Factors Produced by CD8 ⁺ T Cells," <i>Science</i> , 270:1811-1815 (December 15, 1995).
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	C46	Corrigan <i>et al.</i> , "T-cell/eosinophil Interactions in the Induction of Asthma," <i>Eur. Respir. J. Suppl.</i> 22, 72s-78s (1996)
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✓	C50	Danoff <i>et al.</i> , "Cloning, Genomic Organization, and Chromosomal Localization of the <i>Scya5</i> Gene Encoding the Murine Chemokine RANTES," <i>J. Immunol.</i> , 152:1182-1189 (1994).
✓	C51	Daugherty, B.L. <i>et al.</i> , "Cloning, Expression, and Characterization of the Human Eosinophil Eotaxin Receptor," <i>J. Exp. Med.</i> , 183:2349-2354 (May 1996).
✓	C52	Davis, C.B. <i>et al.</i> , "Signal Transduction Due to HIV-1 Envelope Interactions with Chemokine Receptors CXCR4 or CCR5," <i>J. Exp. Med.</i> , 186:1793-1798 (1997).
✓	C53	Dean, M. <i>et al.</i> , "Genetic Restriction of HIV-1 Infection and Progression to AIDS by a Deletion Allele of the <i>CKR5</i> Structural Gene," <i>Science</i> , 273:1856-1862 (27 September 1996).

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✓	C55	Denholm <i>et al.</i> , "Secretion of Monocyte Chemotactic Activity by Alveolar Macrophages," <i>Amer. J. Pathol.</i> , 135(3):571-580 (September, 1989).
✓	C56	Denholm and Lewis, "Monocyte Chemoattractants in Pigeon Aortic Atherosclerosis," <i>Amer. J. Pathol.</i> , 126:464-475 (1987).
	C57	Denholm and Phan, "The Effects of Bleomycin on Alveolar Macrophage Growth Factor Secretion," <i>Amer. J. Pathol.</i> , 134(2):355-363 (February, 1989).
✓	C58	Denholm and Stankus, "Differential Effects of Two Fluorescent Probes on Macrophage Migration as Assessed by Manual and Automated Methods," <i>Cytometry</i> , 19:366-369 (1995).
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✓	C61	De Pitá <i>et al.</i> , "T-helper 2 Involvement in the Pathogenesis of Bullous Pemphigoid: Role of Soluble CD30 (sCD30)," <i>Arch. Dermatol. Res.</i> , 289(12):667-670 (1997).
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✓	C67	Dunlop <i>et al.</i> , "Demonstration of Stem Cell Inhibition and Myeloprotective Effects of SCI/rhMIP1α <i>In Vivo</i> ," <i>Blood</i> , 79(9):2221-2225 (May 1, 1992).
BCC	C68	Ebisawa, M. T., <i>et al.</i> , "Eosinophil Transendothelial Migration Induced by Cytokines III. Effect of the Chemokine RANTES," <i>J. Immunol.</i> 153: 2153 (1994).
✓	C69	Elghazali <i>et al.</i> , "Elevated Plasma Levels of IgE in Plasmodium Falciparum-primed Individuals Reflect an Increased Ratio of IL-4 to Interferon-gamma (IFN-γ)-producing Cells," <i>Clin. Exp. Immunol.</i> , 109(1):84-89 (1997).
✓	C70	Elstad <i>et al.</i> , "Synthesis and Release of Platelet-Activating Factor by Stimulated Human Mononuclear Phagocytes," <i>J. Immunol.</i> , 140(5):1618-1624 (March 1, 1988).
✓	C71	Endres <i>et al.</i> , "CD4 Independent Infection by HIV-2 Is Mediated By Fusin/CXCR4," <i>Cell</i> , 87, 745-756 (1996)
✓	C72	Falk and Leonard., "Specificity and Reversibility of Chemotactic Deactivation of Human Monocytes," <i>Infection and Immunity</i> , 32(2):464-468 (May, 1981).
✓	C73	Farzan, M. <i>et al.</i> , "HIV-1 Entry and Macrophage Inflammatory Protein-1β-mediated Signaling Are Independent Functions of the Chemokine Receptor CCR5*," <i>J. Biol. Chem.</i> , 272:6854-6857 (1997).
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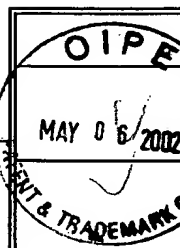
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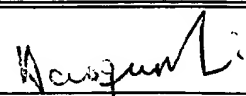
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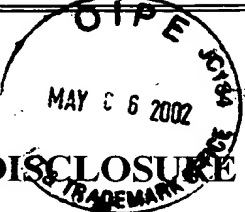
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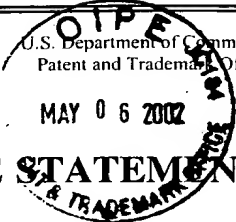
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	Applicant Gray, P.W. <i>et al.</i>	
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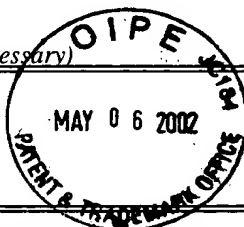
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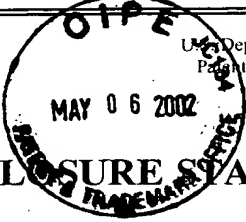
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